

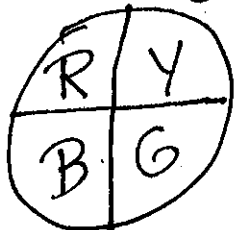
4-17-12

Theoretical vs. Experimental P

Theory - what you think will happen
(your belief) based on what you know

Theoretical P - the P of what ~~will~~ you
predict will happen based on the
#s involved in the event(s) you are
looking for.

Experimental P - you try out the events
and record your results (outcomes)

Ex: Spinner  Theoretical $P(\text{Red}) = \frac{1}{4}$

Experimental $P(\text{red}) = \frac{0}{4}$

Spin it 4 times

R	B	G	Y